

ABB DO910S 3KDE175321L9100

DO910S 3KDE175321L9100 Product Information Manual

ABB S900 I/O Four-Channel Intrinsically Safe Digital Output Module

DOCUMENT SCOPE

Independent Apter Power manual limited to verified identity evidence and any directly relevant ABB sources listed in this document. No product photograph is included.

Product / lookup identity	ABB DO910S 3KDE175321L9100
Reference number	DO910S 3KDE175321L9100
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/do910s-3kde175321l9100>

Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Workflow and system context

ABB DO910S is a four-channel S900 digital-output module for intrinsically safe valves or alarms. The module provides solenoid-driver outputs with integrated driving power, short-circuit and break detection, and electrical isolation between each channel.

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| 01 | System Inputs: S900 I/O backplane power and communication |
| 02 | Processing: Four isolated digital solenoid-driver output channels with short and break detection |

Published context and boundaries

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| 01 | Confirm the module label reads DO910S and the ABB article number is 3KDE17532IL9100 before replacement. |
| 02 | Verify the selected S900 system variant and hazardous-area approval for the installation location. |
| 03 | Lifecycle evidence boundary: CURRENT_ABB_HARDWARE_SELECTOR_ENTRY |

Verification and release checks

01	Confirm the module label reads DO910S and the ABB article number is 3KDE175321L9100 before replacement.
02	Verify the selected S900 system variant and hazardous-area approval for the installation location.
03	Use only field devices, wiring and protection methods approved for the intrinsically safe output circuit.
04	Follow ABB and site procedures for hot configuration, hot swap, isolation and return to service.
05	Check channel assignment, polarity, load and configured diagnostics against the approved project drawings.
06	Do not treat a related S900 output module or a different article number as an automatic substitute.

Identity and release controls

Verification Status	Verified Exact Do910S 3Kde175321L9100
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Official ABB sources

ABB DO910S (DO4-Ex) Hardware Selector	https://800xahardwareselector.automation.abb.com/product/do910s-do4-ex
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